TENTATIVE 2015 CTAA CONFERENCE PROGRAM
(Abstracts included with mailing or can be found on the web site.)

Monday, Nov. 16th, 2015
Morning Session: 10:00

1 Development of Performance Specifications for Flexible Pavements in Ontario  
   Dale Smith, Stephen Lee, Tom Kazmierowski

2 Laboratory Crack Testing of Hot Mix Asphalts Containing Vacuum Tower Asphalt Extender  
   Jason C. Wielinski, Andrea Horton, Anthony Kriech, Gerald Huber

3 Ontario’s Strategy to Enhance Asphalt Cement Quality  
   Seyed Tabib, Chloe Johnson, Farhana Hoque, Pamela Marks

4 Visualization and Quantification of Hot Mix Asphalt Characteristics using X-Ray Computed Tomography  
   Magdy Shaheen, Dr. Adil Al-Mayah, Dr. Susan Tighe

Monday, Nov. 16th, 2015
Afternoon Session: 13:30

5 Study of Post-Compaction and of the Use of Confining Pressure When Measuring the Complex Modulus of a Full-Depth Reclamation Material  
   Apparao Gandi, Julien Kagabo, Alan Carter, Dharmaveer Singh

6 New Technology for Asphalt Compaction: A Contractor’s View and Experience  
   Eric Shaw, Russ Perry, Anandkumar Chelliah, Bonnie Robertson

7 “Asphalt Mixes Modified with Asphalt Shingles Sand”  
   Frédéric Nöel

8 Investigation of Diffusion-Controlled Oxidative Aging in Asphalt Mixture  
   Prabir Kumar Das, Niki Kringos, Hassan Baaj, Susan Tighe

9 In-situ Permeability of Newly Constructed Asphalt Pavement Surfaces as an Indicator of Long-Term Pavement Performance  
   Moustafa Awadalla, A.O. Adb El Halim, Yasser Hassan, Imran Bashi, Frank Pinder

10 Selection, Evaluation and 5 Year Performance Evaluation of Highway 1 Section Rehabilitated with Hot-In-Place Recycling Treatment  
    Vipin Sharma, Christian Babuin, Brad Hogg, Alan Schmidt

Tuesday, Nov. 17th, 2015
Morning Session: 08:30

11 Development of a Synthetic Binder Which Can Be Adapted to Create a Coloured Pavement Mixture and the Performance Review of the 2009 Front Street Project in Dawson City, Yukon  
    Todd Strynadka, Jean-Martin Croteau, Jeff Jarvis, Dr. Guy Doré

12 3D Paving Experience at the National Corvette Museum—Motorsports Park  
    Todd Mansell, Terry Humphrey

13 Flexible Pavement Design and Asset Management for Western Canada P3 Projects  
    Art Johnston, Bryan Palsat, Dave Palsat

14 Characterization of Hot Mix Asphalt with Steel Slags and the Use of Laboratory Results in Mechanistic-Empirical Pavement Design  
    Emmanuel Dion, Daniel Perraton, Alan Carter, Kevin Bilodeau

15 Physical Hardening in Asphalt  
    Jamie-Lee Freeston, Graeme Gillespie, Simon A.M. Hesp, Migle Paliukaite, Russell Taylor

16 ECF Using 100% Recycled Materials  
    Arbia Garfa, Marie Quoc, Alan Carter, Anne Dony
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Tuesday, Nov. 17th, 2015
**Contractor's Workshop**

**Challenges of Paving in Urban/Rural Areas**
13:30 - 16:30.

Wednesday, Nov. 18th, 2015
**Morning Session: 08:30**

17 Effect of Storage Conditions on Physical Properties of Polymer Modified Asphalts  
*Dr. Huachun Zhai, Alejandro Rosalos*

18 Field Evaluation of Pavement Preservation Treatments Incorporating Stress Absorbing Membrane Interlayer Technologies  
*Rhiannon Arsenault, Terry McCann, Steve Goodman*

19 Five Year Performance of Quiet Asphalt Pavement Test Sections on Highway 405 Ontario  
*Heather Beattie, Seyed Tabib, Pamela Marks, Chris Blaney*

20 Six Year Performance of Ontario's Freeway Fibre and Polymer Modifier Trial Project  
*Anne Holt, Pamela Marks*

21 Cold 2014 Winter and Early Asphalt Pavement Cracking Observed in Southwestern Ontario  
*Dr. Ludomir Uzarowski, Dr. Vimy Henderson, Gary MacDonald, John Rizzo, Gary Moore*

22 Green Pavement Technologies are Sustainable Only if they Deliver Acceptable Performance  
*Dr. Ludomir Uzarowski, Dr. Michael Maher, Dr. Susan Tighe*

23 Use of the Hirsh Model to Back-Calculate the Performance Characteristics of the Blended Binder in SuperPave Recycled Hot Mixtures  
*Dr. Xiomara Sanchez, Vince Aurilio, Dr. Susan Tighe, Sandy Brown, Fernando Magisano*

24 Improving the Fatigue Resistance for Hot Mix Asphalt Surface Course Mix  
*Magdy Shaheen, Dr. Susan Tighe, Dr. Adil Al-Mayah*

25 Complex Modulus and Fatigue Performances of a GB20 Mix Incorporating High Percentage of Reclaimed Asphalt Pavement (40%)  
*Asmaa Basueny, Alan Carter, Daniel Perraton*